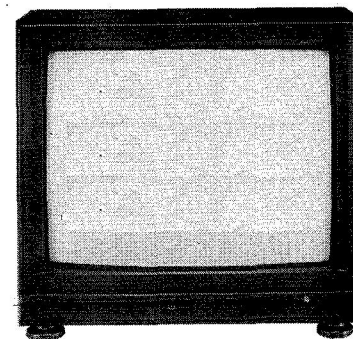


Service  
Service  
Service

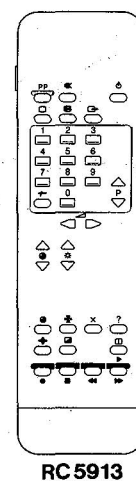
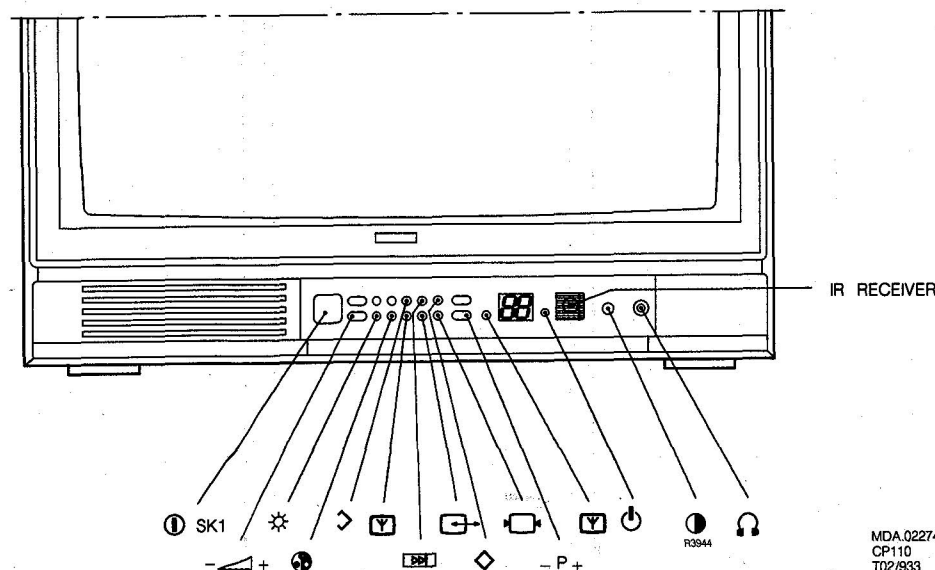


44 973 A11

# Service Manual

## CHASSIS CP110

Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified be used.



RC 5913

MDA 02274  
CP110  
T02/933

MDA 01507  
T07/932



220-240 V (± 10%)  
50 Hz (± 5%)  
90 W



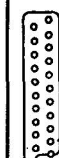
75Ω coax.



A59EAK01X03



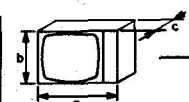
15Ω /3.5 W  
MONO



Audio } Input  
Video } Output  
RGB-Input



8-1000 Ω



axbxc  
586x526x428 mm



PAL B/G  
PAL I

-/07 UV617/E  
UV617

VHFa : 48-105 MHz  
VHFb : 112-294 MHz  
UHF : 471-855 MHz

-/05  
U743

UHF: 471-855 MHz

1	4822 438 20177	Rear cover
2	4822 212 22738	Keyboard
3	4822 404 30871	Bracket
4	4822 462 10281	Headphone socket
6	4822 273 50296	Switch
7	4822 325 10106	Insulator
8	4822 492 63731	Spring
9	4822 325 10105	Insulator
11	4822 267 60243	Socket, scart
12	4822 417 50226	Clamp, blue
13	4822 417 50225	Clamp, red
14	4822 255 70216	Socket, picture tube
16	4822 417 50229	Lock, chassis
17	4822 404 30872	Holder, chassis
18	4822 492 63733	Spring
19	4822 264 50177	Socket, female
20	4822 404 30889	Bracket, mains switch
21	4822 276 12422	Mains switch
22	4822 256 30274	Holder, fuse
23	4822 325 10107	Insulator
24	4822 413 41549	Knob, mains switch
26	4822 492 63732	Spring on mains switch
27	4822 454 12435	Strip, front
28	4822 502 12865	Screw, picture tube
29	4822 505 10903	Nut, picture tube
31	4822 404 30869	Bracket
32	4822 451 80872	Mask
33	4822 320 20153	Cable, HT
34	4822 404 30887	Bracket, rear cover
36	4822 240 20268	Loudspeaker
37	4822 462 41487	Foot rear
38	4822 432 92472	Door
39	4822 462 41486	Foot front
40	4822 417 50252	Locking mechanism
	4822 462 10336	Stand end for -/05
	4822 218 20689	IR transmitter

Documentation Technique Service Dokumentation Documentazione di Servizio Huolto-Ohje Manual de Servicio Manual de Servicio



Subject to modification

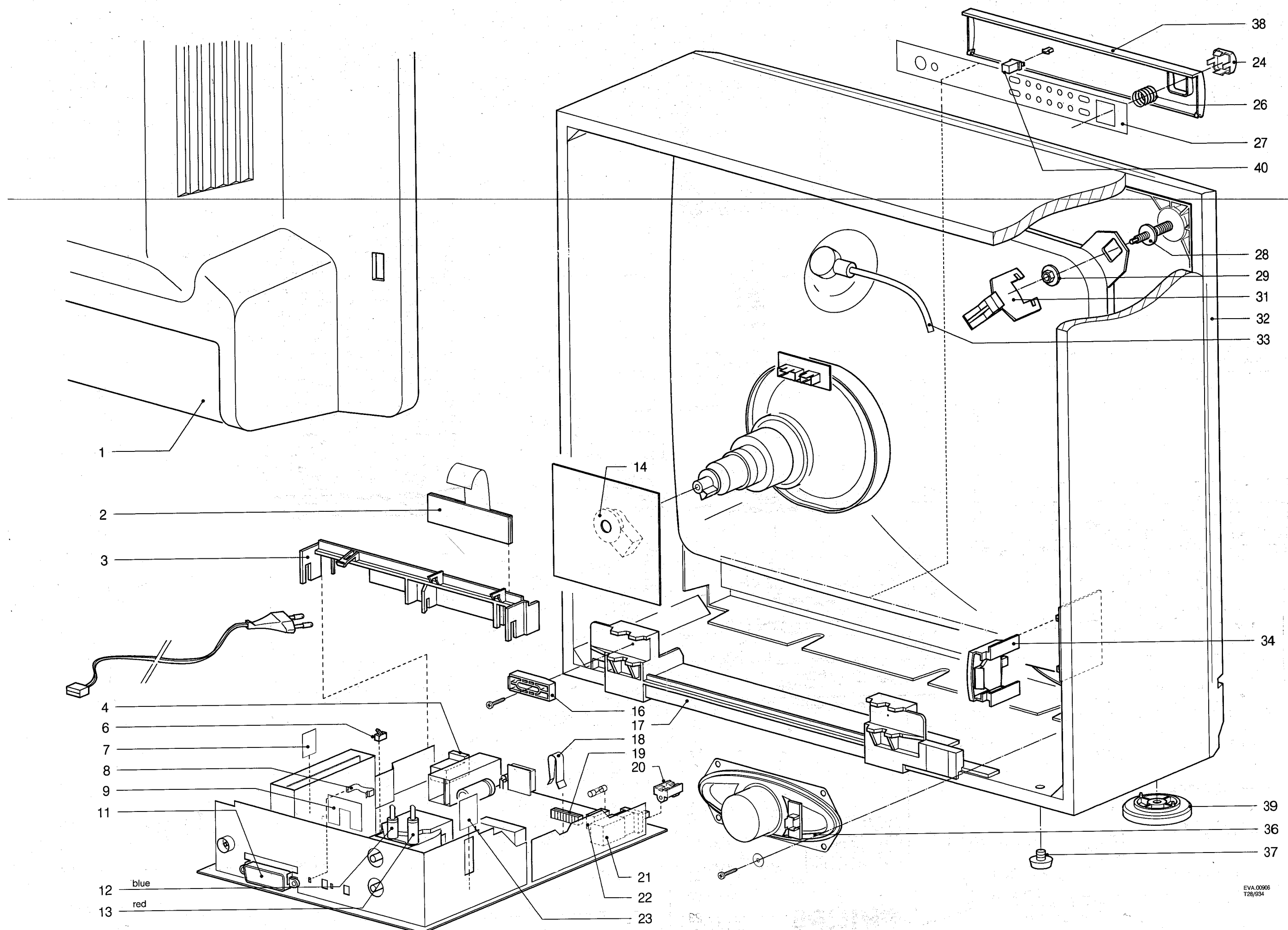
4822 727 16702

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**PHILIPS**

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Service Consumer Electronics



EVA.00906  
T28/934

# Service Information

1989-04-13

CHASSIS CP 110

CT89-02

**GB**

In the course of production, the carrier panel and the picture tube panel have been modified. These modified panels have been applied in sets whose serial numbers start with QGII, AGII or higher.

Also in sets with serial numbers starting with QG09, AG09, the FLOF teletext has been introduced together with a mask change of the microprocessor:

TMP47C432 - 8188 for TXT CEEFAX  
TMP47C432 - 8189 for TXT FLOF

So this means that, depending on the microprocessor, either a TXT CEEFAX or a TXT FLOF can be built into a non-teletext set.

This service information gives the modified and new circuit diagrams, the print layouts of the modified and the new printed boards and the parts lists.

**F**

En cours de production, la platine porteuse et celle du tube image ont été modifiées. Ces platines sont montées dans des appareils dont le n° de série commence par QGII, AGII et suivants.

Dans les appareils dont le n° de série commence par QG09, AG09 et suivants il y a également eu l'introduction du télétexte FLOF. Ceci a été de pair avec un changement du masque du microprocesseur. A savoir:

TMP47C432 - 8188 pour le TXT CEEFAX  
TMP47C432 - 8189 pour le TXT FLOF

Ceci signifie donc que dans des appareils ne présentant pas de télétexte, il y a moyen de monter soit un TXT CEEFAX, soit un TXT FLOF, ceci indépendamment de la version du microprocesseur.

Cette Info Service comporte les nouveaux schémas de principe modifiés, les dessins de platines des platines nouvelle et ancienne version et, la liste de pièces.

**NL**

Tijdens productie zijn het dragerpaneel en het beeldbuispaneel gewijzigd. Deze gewijzigde panelen zijn toegepast in apparaten waarvan het serienummer begint met QGII, AGII of hoger.

Tevens is in apparaten waarvan het serienummer begint met QG09, AG09 of hoger de FLOF teletext ingevoerd. Dit is samen gegaan met een masker wijziging van de microprocessor:

TMP47C432 - 8188 voor TXT CEEFAX  
TMP47C432 - 8189 voor TXT FLOF

Dit betekent dus dat in niet teletext apparaten afhankelijk van de microprocessor versie een TXT CEEFAX of een TXT FLOF ingebouwd kan worden.

In deze service informatie worden de gewijzigde en nieuwe principe schema's, de print lay-outs van de gewijzigde en nieuwe panelen en de stuklijst gegeven.

**D**

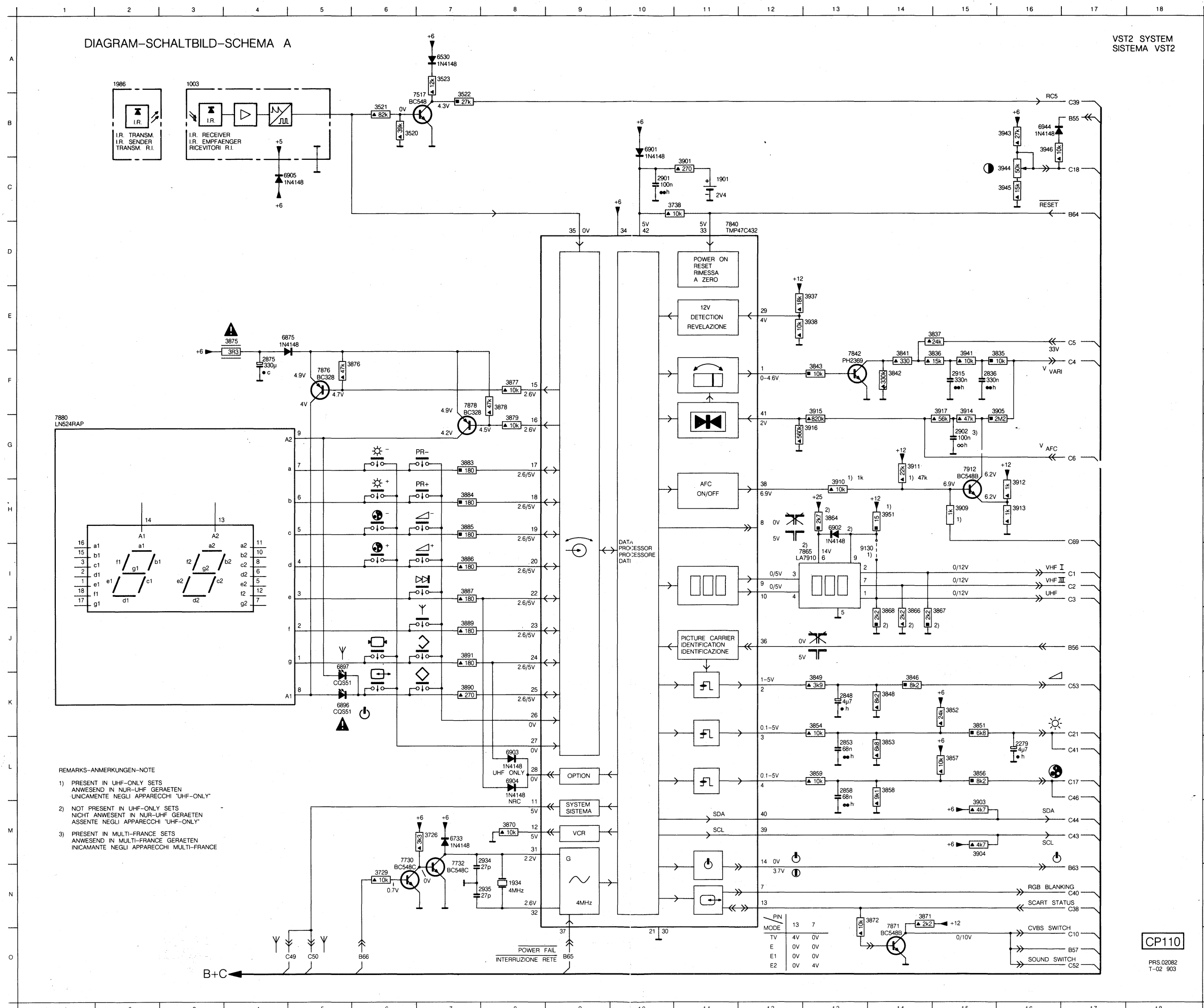
Während der Produktion wurden die Trägerplatte und die Bildröhreplatte geändert. Diese geänderten Platten sind in Geräten, deren Seriennummer mit QGII, AGII oder höher anfängt, angewandt.

Gleichzeitig wurde in Geräten, deren Seriennummer mit QG09, AG09 oder höher anfängt, der FLOF-Videotext eingeführt. Dies war verbunden mit einer Maskenänderung des Mikroprozessors. Nämlich:

TMP47C432 - 8188 für TXT CEEFAX  
TMP47C432 - 8189 für TXT FLOF

Das bedeutet also, dass in Nicht-Videotext-Geräte je nach Mikroprozessor-Ausführung ein TXT CEEFAX oder ein TXT FLOF eingebaut werden kann.

In dieser Service-Information sind die geänderten und neuen Prinzipschaltbilder, die Printplattenauslegungen der geänderten und neuen Platten und die Stückliste enthalten.

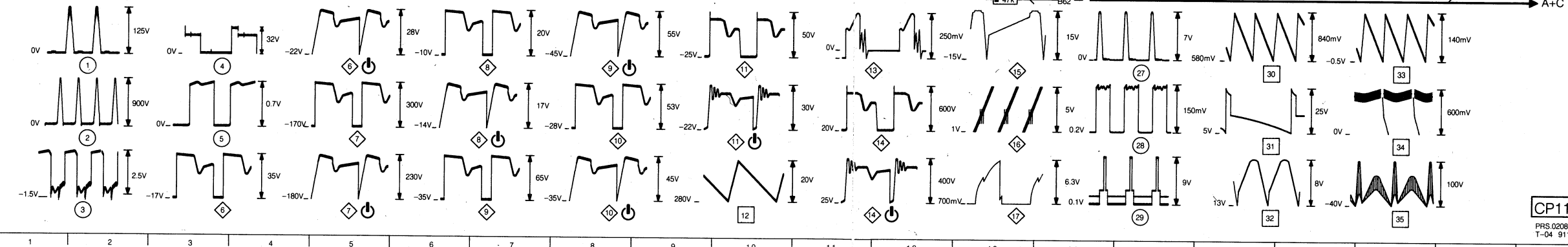
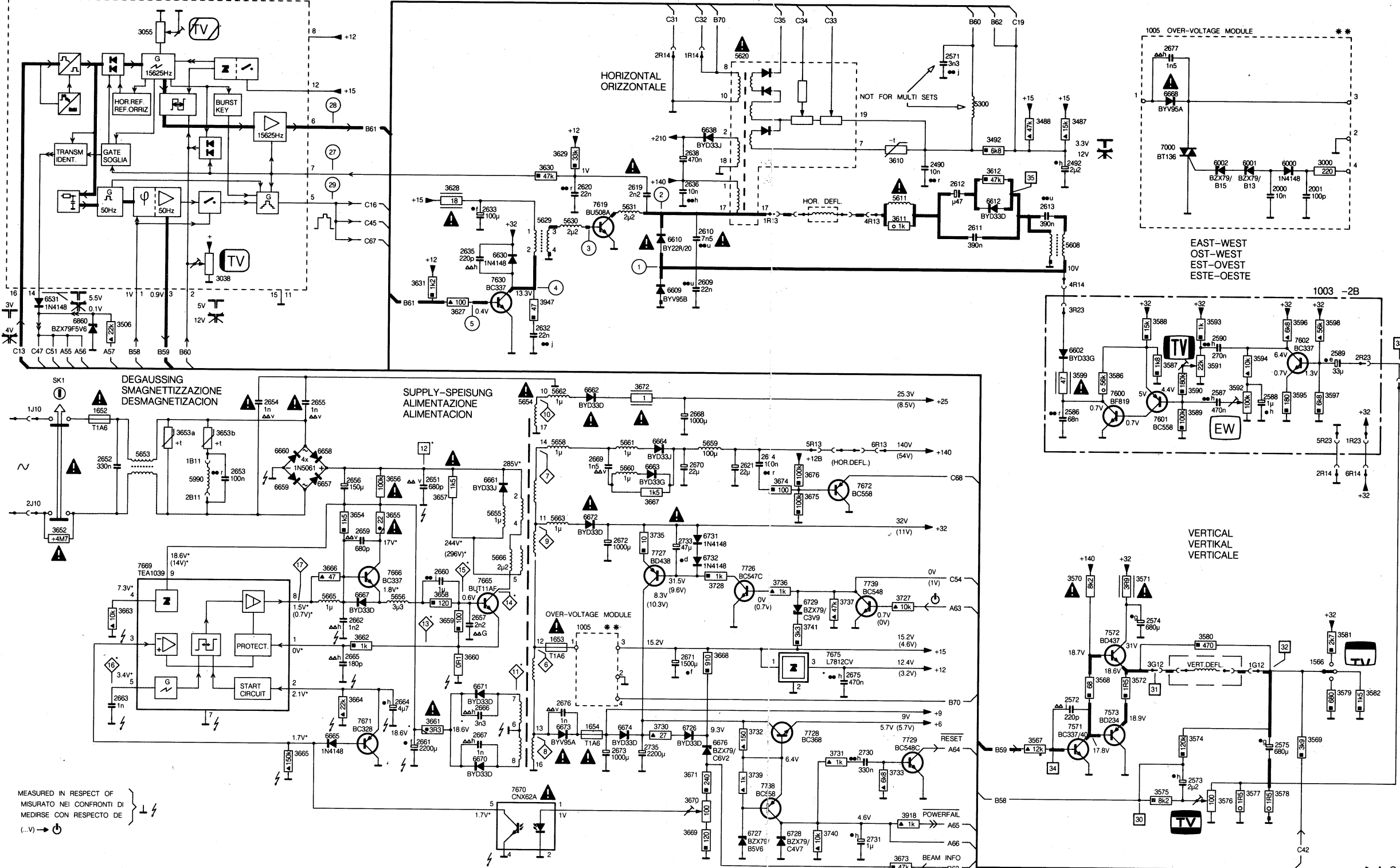


1003 A 3  
1901 C11  
1934 N 8  
1986 A 2  
2279 L16  
2836 F15  
2848 K13  
2853 L13  
2858 L13  
2875 F 4  
2901 C10  
2902 G15  
2915 F15  
2934 M 8  
2935 N 8  
3520 B 6  
3521 B 6  
3522 B 7  
3523 A 7  
3726 M 7  
3729 N 6  
3738 C11  
3835 F16  
3836 F15  
3837 E15  
3841 F14  
3842 F14  
3843 F13  
3846 K14  
3848 K14  
3849 K13  
3851 K15  
3852 K15  
3853 L14  
3854 K13  
3856 L15  
3857 L15  
3858 L14  
3859 L13  
3864 H13  
3866 J14  
3867 J15  
3868 J14  
3870 M 8  
3871 N14  
3872 N14  
3875 E 4  
3876 F 6  
3877 F 8  
3878 F 8  
3879 G 8  
3883 G 7  
3884 H 7  
3885 H 7  
3886 I 7  
3887 I 7  
3889 J 7  
3890 K 7  
3891 J 7  
3901 C11  
3903 M15  
3904 M15  
3905 F16  
3909 H15  
3910 H13  
3911 G14  
3912 H16  
3913 H16  
3914 F15  
3915 F13  
3916 G13  
3917 F15  
3917 E13  
3937 E13  
3938 E13  
3941 F15  
3943 B16  
3944 C16  
3945 C16  
3946 B16  
3951 H14  
6530 A 7  
6733 M 7  
6875 E 5  
6896 K 5  
6897 J 5  
6901 B10  
6902 H13  
6903 L 8  
6904 L 8  
6905 C 5  
6944 B16  
7517 B 7  
7730 M 6  
7732 M 7  
7840 D11  
7842 F13  
7865 I13  
7871 N14  
7876 F 5  
7878 F 7  
7880 G 1  
7912 G15  
9130 I14








# DIAGRAM-SCHALTBILD-SCHEMA-DIAGRAMA B

1001-2B SYNCHRONISATION-SINCROIZZAZIONE-SYNCRONISMO






1001	A	1	3918	L13
1003	E19	3947	E	8
1005	I	9	5300	B14
1005	A17	5608	D16	
1562	J16	5611	D13	
1652	G	2	5620	B11
1653	J	8	5629	D
1654	K	9	5630	D
2000	C18	5631	D	9
2001	C19	5653	G	2
2490	C14	5654	F	8
2492	C16	5655	H	7
2571	B14	5656	I	6
2572	J16	5658	G	8
2573	K17	5659	G10	
2574	I17	5660	G	9
2575	K19	5661	G	9
2586	F18	5662	F	8
2587	F18	5663	H	8
2588	F18	5665	I	5
2589	F19	5666	H	8
2590	E18	5660	G	3
2609	E10	6000	C18	
2610	D10	6001	C18	
2611	D14	6002	C18	
2612	C14	6531	E	1
2613	D15	6602	F	6
2614	G11	6609	E10	
2619	C	9	6610	D10
2620	C	9	6612	D14
2621	G11	6630	D	7
2632	E	6	6638	C10
2633	D	7	6657	G
2635	D	7	6658	G
2636	C10	6659	H	4
2638	C10	6660	G	4
2651	G	7	6661	G
2652	G	2	6662	F
2653	G	4	6663	G10
2654	F	4	6664	G10
2655	F	5	6665	K
2656	G	5	6667	I
2657	I	7	6668	B17
2659	H	6	6670	K
2660	I	6	6671	J
2661	K	6	6672	H
2662	I	6	6673	K
2663	J	2	6674	K
2664	J	6	6676	K11
2665	J	5	6726	K10
2666	K	7	6727	L11
2667	K	7	6728	L12
2668	F10	6729	L12	
2669	G	9	6731	H10
2670	G10	6732	L16	
2671	J10	6860	E	2
2672	H	9	7000	C17
2673	K	9	7571	K16
2675	J12	7572	L16	
2676	K	8	7573	K16
2677	A17	7600	F16	
2730	K13	7601	G17	
2731	L13	7602	E19	
2733	H10	7619	D	9
2735	K10	7630	E	7
3000	C19	7665	I	7
3038	E	4	7666	I
3039	A	2	7669	I
3487	B16	7670	L	8
3488	B15	7671	K	6
3492	C14	7672	G13	
3506	E	2	7675	J12
3567	K15	7726	L11	
3568	J16	7727	H10	
3569	K19	7728	K12	
3570	I16	7728	K13	
3571	I17	7738	L11	
3572	J18	7739	I13	
3574	K17	SK1	F	1
3575	L17			
3576	L18			
3577	L18			
3578	L19			
3579	J19			
3580	I17			
3581	I19			
3582	J20			
3586	F16			
3587	F17			
3588	E17			
3589	F17			
3590	F17			
3591	F18			
3592	F18			
3593	F18			
3594	F18			
3595	F19			
3596	E19			
3597	F19			
3598	F19			
3599	F16			
3610	C13			
3611	D13			
3612	C14			
3627	E	7		
3628	C	7		
3629	C	8		
3630	C	8		
3631	E	6		
3652	H	1		
3653	G	3		
3653	G	4		
3654	H	6		
3655	H	6		
3656	G	6		
3657	H	7		
3658	I	7		
3659	I	7		
3660	J	7		
3661	K	7		
3662	J	6		
3663	I	2		
3664	J	6		
3665	K	5		
3666	I	5		
3667	H10			
3668	J11			
3669	L10			
3670	L10			
3671	K10			
3672	F	9		
3673	M13			
3674	G11			
3675	H12			
3676	G12			
3727	I13			
3728	I11			
3730	K10			
3731	K12			
3732	K11			
3733	K13			
3735	H10			
3736	I11			
3737	I12			
3739	K11			
3740	L12			
3741	I12			


# CARRIER PANEL

 CNX62A 4822 130 80908 HCF4053BE 4822 209 10576 LA7910 4822 209 10892 LN524RAP 4822 130 90388 L7812CV 5322 209 86176 TDA3562A/N5 4822 209 71751 TDA8190 4822 209 70872 TEA1039/N4 4822 209 83104 TMP47C432AP 4822 209 72038 mask 8188 TMP47C432AP 4822 209 73665 mask 8189	 5108 4822 157 53064 5109 4822 157 53064 5259 4822 157 52287 5260 4822 157 53065 5260 4822 157 52265 for amtsblatt 5261 4822 157 52807 5262 4822 157 53093 5270 4822 157 52808 5271 4822 157 53252 5300 4822 157 51462
 BC328 4822 130 44104 BC337 4822 130 40855 BC337-40 4822 130 41344 BC368 5322 130 44647 BC547C 4822 130 44503 BC548 4822 130 40938 BC548B 4822 130 40937 BC548C 4822 130 44196 BC558 4822 130 40941 BD234 4822 130 40917 BD437 4822 130 40982 BD438 4822 130 40995 BUT11AF 4822 130 42679 BU508A 4822 130 60263 PH2369 4822 130 41594	5608 4822 157 53069 5611 4822 150 50073 line output 5620 4822 140 10325 line driver 5629 4822 140 10324 5630 4822 157 5631 4822 157 53308 5653 4822 157 53068 5654 4822 148 60165 SOPS 5655 4822 157 51195 5656 4822 157 51157 5658 4822 157 51195 5659 4822 157 5660 4822 157 51195 5661 4822 157 51195 5662 4822 157 51195 5663 4822 157 51195 5665 4822 157 52223 5666 4822 157
 BYD33D 4822 130 42488 BYD33G 4822 130 42489 BYD33J 4822 130 42606 BYV95A 4822 130 41601 BYV95B 4822 130 41486 BY228/20 4822 130 81099 BZX79-C3V9 4822 130 31981 BZX79-C4V7 4822 130 34174 BZX79-C5V6 4822 130 34173 BZX79-C6V2 4822 130 80303 CQS51-4 4822 130 80309 ZTK33B 4822 130 30959 1N4148-75 4822 130 33939 1N5061 4822 130 31933	 3102 4822 111 30499 4.7 $\Omega$ 0.33W 3280 4822 100 20148 1 k $\Omega$ potm. 3283 4822 111 30593 3.3 $\Omega$ 0.33W 3570 4822 116 51166 8.2 k $\Omega$ 2.5W 3571 4822 111 30821 3.9 $\Omega$ 0.5W 3576 4822 101 10818 100 $\Omega$ potm. 3610 4822 116 30323 150 k $\Omega$ NTC 3628 4822 111 30504 6.8 $\Omega$ 0.33W 3653 4822 116 40065 PTC 3656 4822 116 80288 100 k $\Omega$ 2W 3657 4822 116 81761 1.5 k $\Omega$ 7W 3660 4822 113 80429 0.1 $\Omega$ 2W 3667 5322 116 54272 1.5 k $\Omega$ 2.5W 3670 4822 100 10361 100 $\Omega$ potm. 3672 4822 111 30483 1 $\Omega$ 0.33W 3875 4822 111 30593 3.3 $\Omega$ 0.33W 3909 4822 116 52204 1 k $\Omega$ 0,125 W 3944 4822 101 10819 50 k $\Omega$ potm.

# CARRIER PANEL








					
2113	4822 124 41334	470	μF 35 V	10J	4822 290 60626 2P
2123	4822 124 40435	10	μF 50 V	11B	4822 267 40653 2P
2267	4822 125 50045	20	pF trimm.	12G	4822 265 30273 3P
2521	4822 124 40434	22	μF 35V	13R	4822 267 30546 6P
2526	4822 124 40434	22	μF 35V	14R	4822 267 30546 6P
2571	4822 122 30099	3.3	nF 100V	15G	4822 265 40252 7P
2610	5322 121 44357	7.5	nF 2kV	16R	4822 267 40653 2P
2611	4822 121 40479	390	nF 250V	17	4822 264 50177 10P for coil cable
2612	4822 124 22417	470	nF 160V	18G	4822 266 30276 4P
2619	4822 121 41339	2.2	nF 2kV	19G	4822 265 40503 5P
2620	4822 121 40516	22	nF 250V	20G	4822 265 40469 6P
2621	4822 124 22257	22	μF 250V	21G	4822 265 40471 8P
2638	4822 121 51252	470	nF 63V		
2652	4822 121 51424	330	nF 250V		
2656	4822 124 22172	150	μF 385V		
2663	4822 121 41531	1000	pF 250V		
2668	4822 124 40724	1000	μF 35V		
2670	4822 124 22257	22	μF 250V		
2672	4822 124 40724	1000	μF 35V		
2673	4822 124 40201	1000	μF 16V		
2735	4822 124 40723	2200	μF 16V		
2934	4822 122 32149	27	pF 100V		
2935	4822 122 32149	27	pF 100V		

					
1652	4822 253 30024	T1.6A			
1653	4822 253 10046	T1.6A			
1654	4822 253 10046	T1.6A			



					
10J	4822 265 40596	2P			
11B	4822 265 30389	2P			
12G	4822 265 30407	3P			
13R	4822 267 40722	6P			
14R	4822 267 40722	6P			
15G	4822 290 40295	7P			
16R	4822 267 40665	3P			
18G	4822 417 50217	4P			
19G	4822 267 40648	5P			
20G	4822 267 50591	6P			
21G	4822 264 50148	8P			

Various		
1000	4822 212 22746	IR receiver
1001	4822 212 22739	SYNC/IF-B/G
1001	4822 212 22771	SYNC/IF-I
1001	4822 212 22769	SYNC/IF-Multi Fr
1001	4822 212 22885	SYNC/IF-Multi Eur
1001	4822 212 22886	SYNC/IF K-B/G
1002	4822 210 40273	UV617
1002	4822 210 40279	UV617/E
1002	4822 210 10299	UV627
1002	4822 210 50118	U743
1030	4822 276 12422	mains-switch (SK1)
1059	4822 212 22738	keyboard foil assy.
1059	4822 276 80317	keyboard foil assy. multi
1103	4822 242 71841	filter SFE6.0 MA
1104	4822 242 70714	filter SFE5.5 MA
1104	4822 242 72059	filter SFT6.5 MA
1104	4822 242 71841	filter SFT6.0 MA
1262	4822 157 51056	delay line DL330
1267	4822 242 70626	crystal 8.867238 MHz
1270	4822 320 40096	delay line DL701
1566	4822 273 50296	switch 3P
1901	4822 138 10229	battery 2.5V
1934	4822 242 70831	filter 4 MHz
	4822 256 30274	fuse holder
	4822 462 10281	headphone socket
	4822 267 60243	scart socket
	4822 492 63733	slide spring fix.transistor
	4822 492 63731	spring fix. transistor





# PICTURE TUBE PANEL

			
BC337	4822 130 40855		
BC548B	4822 130 40937		
BC556	4822 130 40989		
BC558	4822 130 40941		
BF422	4822 130 41782		
BF423/01	4822 130 60703		
BF819	4822 130 42159		
BF869	4822 130 41773		
			
BAV21	4822 130 30842		
BYD33G	4822 130 42489		
1N4148-75	4822 130 33939		
			
5401	4822 157 53941		
			
3403	5322 116 53741	5.1 kΩ	0.5 W
3426	4822 116 80327	137 kΩ	0.5 W
3427	4822 116 80327	137 kΩ	5 W
3428	4822 116 80327	137 kΩ	0.5 W
3439	4822 116 52399	1.5 kΩ	0.5 W
3440	4822 116 52399	1.5 kΩ	0.5 W
3444	4822 116 52399	1.5 kΩ	0.5 W
3445	5322 116 80275	470 Ω	0.5 W
3460	4822 111 50518	1.5 kΩ	0.5 W
3591	4822 100 10051	22 kΩ	potm.
3592	4822 100 10052	100 kΩ	potm.
3599	5322 116 80277	47 Ω	0.5W
			
2407	4822 122 33376	7,5 nF	1kV
			
22G	4822 290 40295	7P	
23R	4822 267 40722	6P	
			
22G	4822 265 40252	7P	
23R	4822 267 30546	6P	
	4822 255 70216	socket PT	

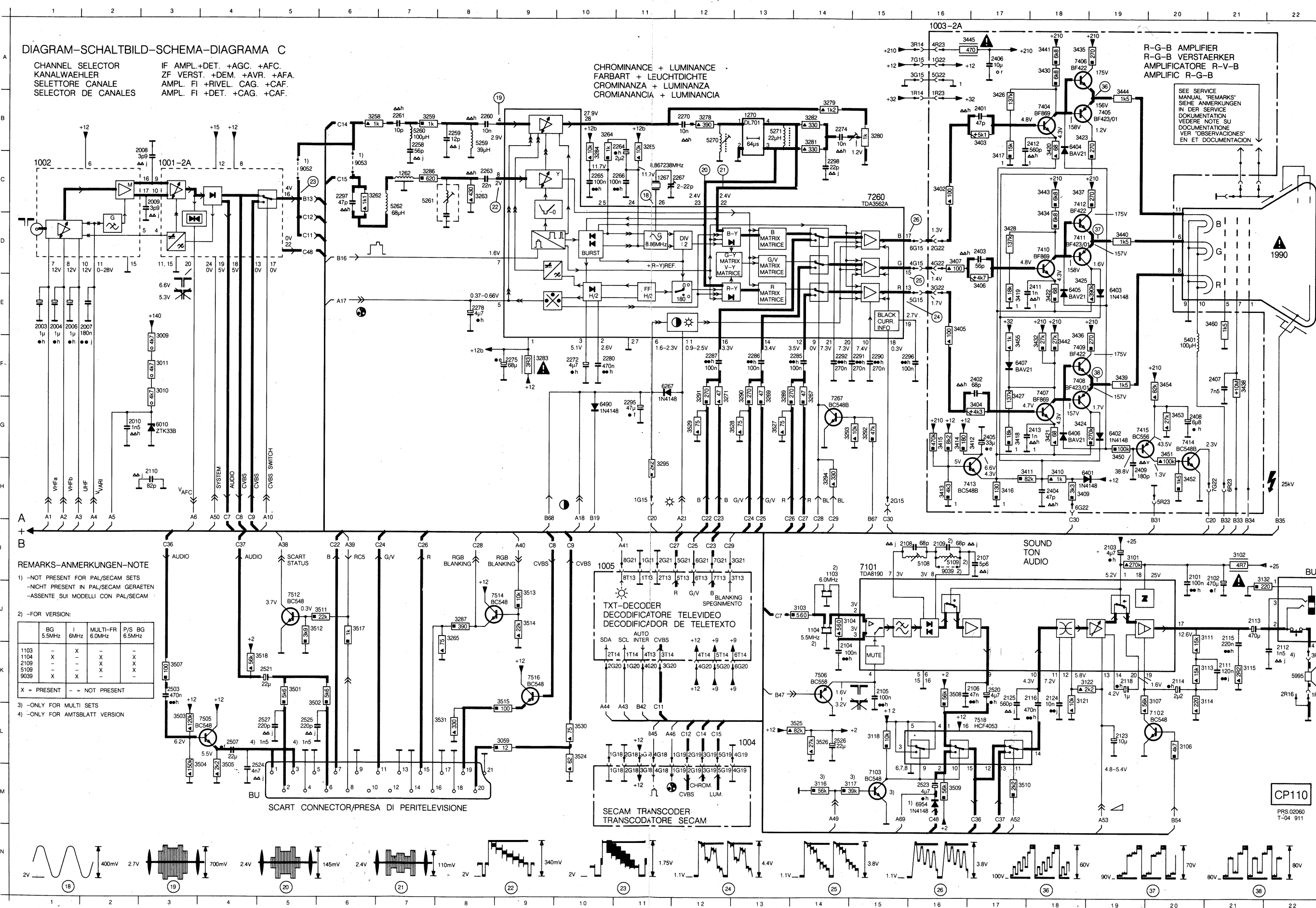
# MUTE PANEL

	
BC548B	4822 130 40937
BC558B	4822 130 44197
	
1N4148-30	4822 130 33941

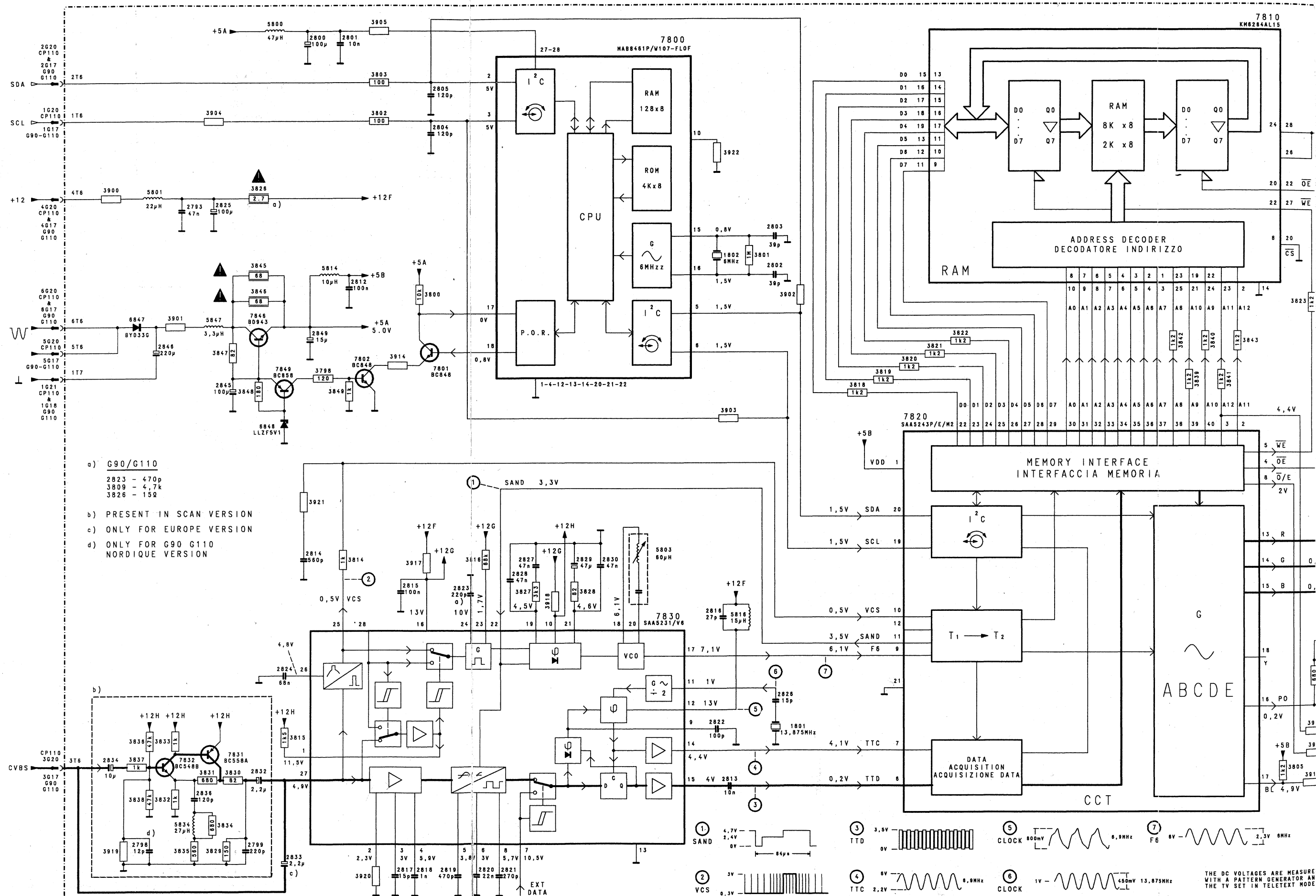
# OVERVOLTAGE PANEL

		
BT135	4822 130 20248	
		
BYV95A	4822 130 41601	
BZX79-B15	4822 130 34281	
BZX79-B13	4822 130 34195	
		
3000	4822 111 90178	220 Ω 0,125 W
		
2000	4822 121 41815	100 nF 100 V
2001	4822 122 31211	100 pF 500 V
2677	4822 122 10174	1,5 nF 50 V

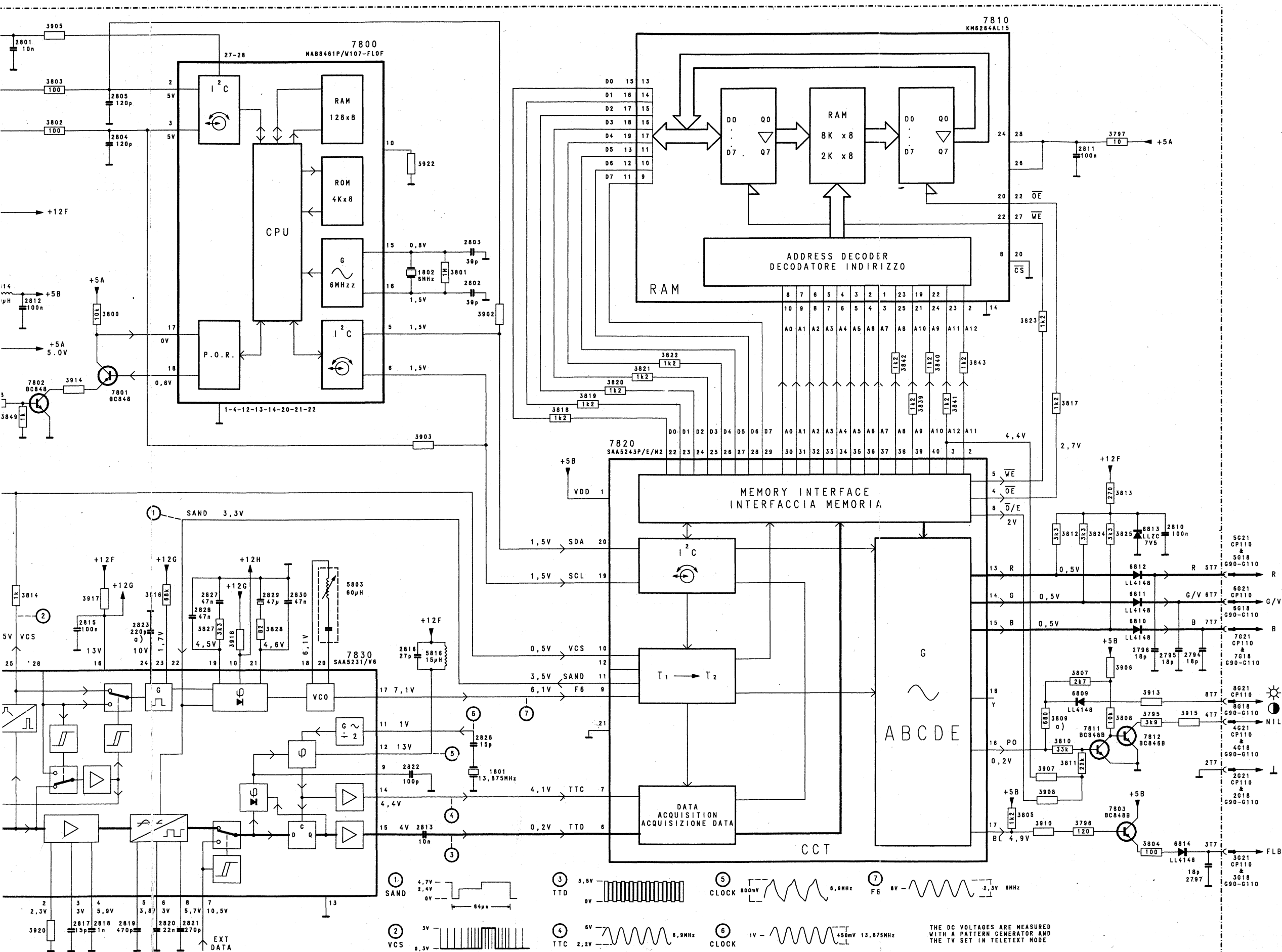
1001	C 3	1270	B13	2101	120	2110	H 3	2124	K18	2266	C11	2286	F13	2401	B17	2411	E18	2525	L 5	3103	J14	3117	M15	3264	B10	3282	B14	3292	G15	3407	D16	3417	C17	3426	B17	3438	F21	3451	G20	3504	M 4	3514	J 9	3529	G12	5270	B12	6404	B18	7260	C15	7411	D18	7516	K 9
1002	C 1	1990	D22	2102	121	2111	K21	2125	K17	2267	C12	2287	F12	2402	B17	2412	E18	2526	L14	3104	J15	3118	M15	3265	B10	3283	B14	3293	G15	3408	D16	3418	C17	3427	B17	3439	F21	3452	G20	3505	M 4	3515	J 9	3530	G12	5271	B12	6405	B18	7404	B18	7413	H17	9052	C 6
1003	A16	2003	E 1	2103	119	2112	K22	2258	B 7	2270	B12	2290	F15	2403	D17	2413	E18	2527	L 5	3106	J14	3119	M15	3266	B10	3284	B14	3294	G15	3409	D16	3419	C17	3428	B17	3440	F21	3453	G20	3507	M 4	3517	J 9	3531	G12	5272	B12	6406	B18	7405	B18	7414	G19	9053	C 6
1004	L13	2004	E 1	2104	K14	2113	J21	2259	B 8	2272	F10	2291	F15	2404	H18	2503	K 3	3009	F 3	3107	L20	3121	K18	3267	B10	3285	B11	3295	H11	3411	H17	3420	B18	3430	F18	3441	A18	3454	F20	3508	M16	3524	K 5	5108	L10	5295	K22	6407	F17	7405	B19	7414	G20	9053	C 6
1005	I10	2006	E 1	2105	K15	2114	K20	2260	B 8	2274	B14	2292	F14	2405	G17	2507	L 4	3010	F 3	3111	J21	3132	K19	3268	B10	3286	C 7	3402	C16	3412	G17	3421	G18	3432	F18	3442	F18	3455	F17	3509	M16	3524	L10	5109	G12	5273	B12	6407	B18	7406	B18	7415	G19	9054	C 6
1103	I14	2007	E 2	2106	K17	2115	J21	2261	B 7	2275	F 9	2295	G11	2406	A17	2520	K17	3011	F 3	3113	K21	3258	B 6	3278	B10	3287	J 8	3403	G15	3412	G18	3432	F18	3443	F18	3456	F17	3510	M16	3525	L11	5109	G12	5274	B12	6408	B18	7407	B18	7416	G19	9055	C 6		
1104	J14	2008	E 3	2107	K17	2116	K18	2263	B 8	2278	E 8	2296	F16	2407	F21	2521	K 5	3059	L 9	3114	K21	3259	B 7	3279	B10	3288	F13	3404	G15	3413	G18	3433	F18	3444	F18	3457	F17	3511	M16	3526	L12	5109	G12	5275	B12	6409	B18	7408	B18	7417	G19	9056	C 6		
1262	C 7	2009	C 3	2108	115	2118	K19	2264	B11	2280	F10	2298	C 6	2408	G20	2523	M16	3101	L19	3115	K21	3262	C 7	3280	B10	3289	F13	3405	G15	3414	G18	3434	F18	3445	F18	3458	F17	3512	M16	3527	L13	5109	G12	5276	B12	6410	B18	7409	B18	7418	G19	9057	C 6		
1267	C11	2010	G 2	2109	116	2123	L19	2265	C10	2285	F14	2298	C14	2409	H19	2524	M 5	3102	L21	3116	M14	3263	C 8	3281	B10	3290	F13	3406	G15	3415	G18	3435	F18	3446	F18	3459	F17	3513	M16	3528	L14	5109	G12	5277	B12	6411	B18	7410	B18	7419	G19	9058	C 6		



G90-G110-CP90-CP110 EUROPE & NORDIQUE  
 TXT-DECODER-DECODIFICATORE TELETTESTO-DECODEUR TELETEXTE-DECODIFICADOR DE TELETEXTO-FLOF



& NORDIQUE  
TELETESTO-DECODEUR TELETEXTE-DECODIFICADOR DE TELETEXTO-FLOF

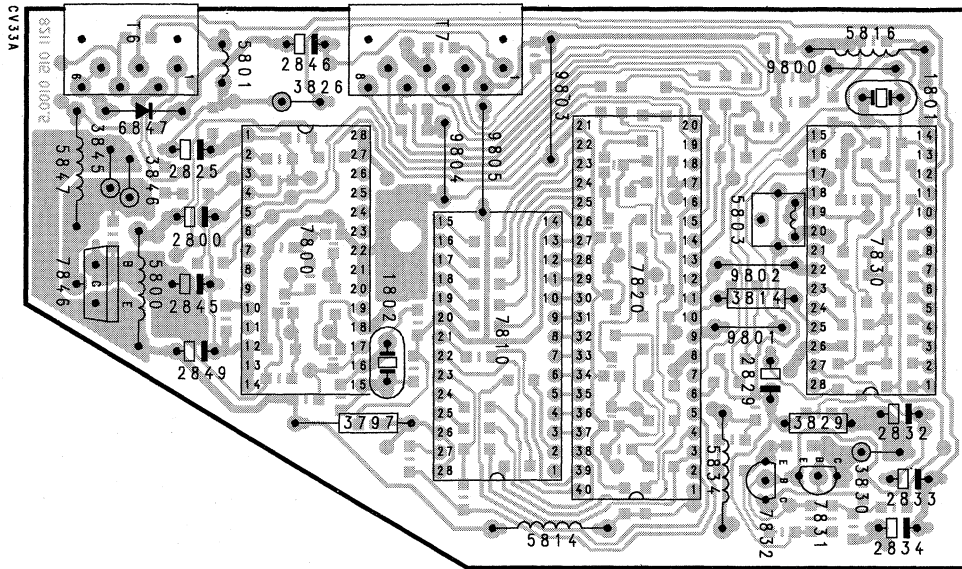


1801	13M	3904	4C
1802	12E	3905	6B
2793	4D	3906	22K
2797	23N	3907	21L
2798	3N	3908	21M
2799	4N	3910	21M
2800	5B	3913	22K
2801	6B	3914	7G
2802	12E	3915	23L
2803	12E	3917	7J
2804	7C	3918	9K
2805	7C	3919	2N
2810	23I	3920	6O
2811	21C	3921	5I
2812	6F	3922	12D
2813	12M	5800	5B
2814	5J	5801	3D
2815	7J	5803	10I
2816	12K	5814	6E
2817	7O	5816	12K
2818	7O	5834	3N
2819	7O	5847	4F
2820	8O	6809	21K
2821	8O	6810	22J
2822	12L	6811	22J
2823	8J	6812	22J
2824	5L	6813	22I
2825	4D	6814	23N
2826	13L	6847	3F
2827	9J	6848	5H
2828	9J	7800	11B
2829	10J	7801	7G
2830	10J	7802	6G
2832	5M	7803	22M
2833	5O	7810	20B
2834	2M	7811	22L
2836	4N	7812	22L
2845	4G	7820	14H
2846	3G	7830	11K
2849	5F	7831	4M
3795	22L	7832	3M
3796	21M	7846	5F
3797	22C	7849	5G
3798	6G		
3800	7F		
3801	12E		
3802	6C		
3803	6B		
3804	22N		
3805	21M		
3807	21K		
3808	22L		
3809	21L		
3810	21L		
3811	21L		
3812	21I		
3813	22H		
3814	6J		
3815	5M		
3816	8J		
3817	21G		
3818	14G		
3819	14G		
3820	15G		
3821	15G		
3822	15F		
3824	22I		
3825	22I		
3826	5D		
3827	9J		
3828	10J		
3829	4N		
3830	4M		
3831	4M		
3832	3N		
3833	3M		
3834	4N		
3835	3N		
3836	3M		
3837	3M		
3838	3N		
3839	19G		
3840	19G		
3841	20G		
3842	19G		
3843	20G		
3845	5E		
3846	5F		
3847	4G		
3848	4G		
3849	6G		
3900	2D		
3901	3F		
3902	13F		
3903	12H		



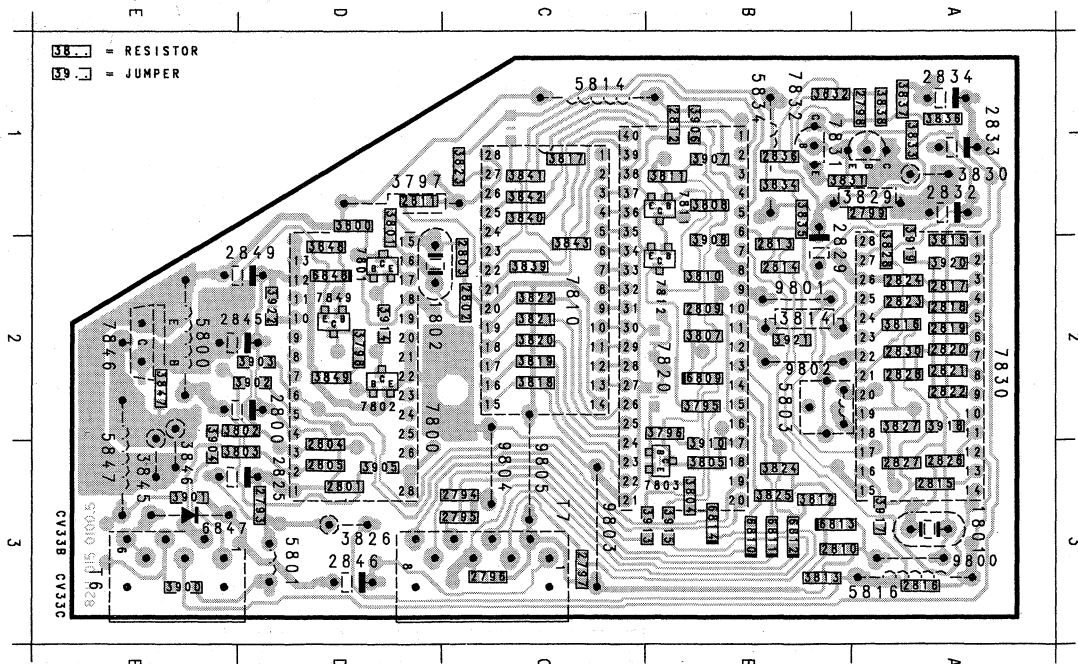
TO CHASSIS  
CP110 20 G  
G90-G110 17 G

TO CHASSIS  
CP110 21 G  
G90-G110 18 G



1801	3A	2819	2A	3802	2D	3829	1A	3905	3D	6813	3B
1802	2D	2820	2A	3803	3D	3830	1A	3906	1B	6814	3B
2793	3D	2821	2A	3804	3B	3831	1B	3907	1B	6847	3E
2794	3C	2822	2A	3805	3B	3832	1B	3908	2B	6848	2D
2795	3C	2823	2A	3807	2B	3833	1A	3910	3B	7800	2D
2796	3C	2824	2A	3808	1B	3834	1B	3913	3B	7801	2D
2797	3C	2825	3D	3810	2B	3835	1B	3914	2D	7802	2D
2798	1A	2826	3A	3811	1B	3836	1A	3915	3B	7803	3B
2799	1A	2827	3A	3812	3B	3837	1A	3917	3A	7810	2C
2800	2D	2828	2A	3813	3B	3838	1A	3918	2A	7811	1B
2801	3D	2829	2B	3814	2B	3839	2C	3919	2A	7812	2B
2802	2C	2830	2A	3815	2A	3840	1C	3920	2A	7820	2B
2803	2C	2832	1A	3816	2A	3841	1C	3921	2B	7830	2A
2804	3D	2833	1A	3817	1C	3842	1C	3922	2D	7831	1B
2805	3D	2834	1A	3818	2C	3843	2C	5800	2E	7832	1B
2809	2B	2836	1B	3819	2C	3845	3E	5801	3D	7846	2E
2810	3B	2845	2D	3820	2C	3846	3E	5803	2B	7849	2D
2811	1D	2846	3D	3821	2C	3847	2E	5814	1C	9800	3A
2812	1B	2849	2D	3822	2C	3848	2D	5816	3A	9801	2B
2813	2B	3795	2B	3823	1C	3849	2D	5834	1B	9802	2B
2814	2B	3796	2B	3824	3B	3900	3E	5847	3E	9803	3C
2815	3A	3797	1D	3825	3B	3901	3E	6809	2B	9804	3C
2816	3A	3798	2D	3826	3D	3902	2D	6810	3B	9805	3C
2817	2A	3800	1D	3827	2A	3903	2D	6811	3B		
2818	2A	3801	1D	3828	2A	3904	3E	6812	3B		

38 = RESISTOR  
39 = JUMPER



## 1005 TXT FLOF MODULE

REMARKS			1) only for NORDIC sets 2) not for NORDIC sets		
<b>Mechanical parts</b>					
21	4822 265 40469	6p female gold plated			
22	4822 265 40471	8p female gold plated			
<b>Various parts</b>					
1801	4822 242 71417	crystal 13.875 MHz			
1802	4822 242 71508	filter 6.0 MHz			
<b>II</b>					
2793	4822 122 32542	47nF 10% 50V			
2794	4822 122 31769	18pF 5% 50V			
2795	4822 122 31769	18pF 5% 50V			
2796	4822 122 31769	18pF 5% 50V			
2797	4822 122 31769	18pF 5% 50V			
2799 1)	4822 122 33637	220pF 10% 50V			
2800	4822 124 41584	100µF 20% 10V			
2801	4822 122 33478	10nF 20%			
2802	4822 122 31972	39pF 5% 50V			
2803	4822 122 31972	39pF 5% 50V			
2804	4822 122 31766	120pF 5% 50V			
2805	4822 122 31766	120pF 5% 50V			
2810	4822 122 33496	100nF 10% 63V			
2811	4822 122 33496	100nF 10% 63V			
2812	4822 122 33496	100nF 10% 63V			
2813	4822 122 33478	10nF 20%			
2814	4822 122 31773	560pF 5% 50V			
2815	4822 122 33496	100nF 10% 63V			
2816	4822 122 31825	27pF 5% 50V			
2817	4822 122 32504	15pF 5% 50V			
2818	5322 122 31647	1nF 10% 50V			
2819	4822 122 31727	470pF 5%			
2820	4822 122 31797	22nF 10% 63V			
2821	4822 122 32142	270pF 5% 63V			
2822	4822 122 31765	100pF 5% 50V			
2823	4822 122 33637	220pF 10%			
2824	4822 122 32891	68nF 20% 50V			
2825	4822 124 41568	100µF 20% 16V			
2826	4822 122 32504	15pF 5% 50V			
2827	4822 122 32542	47nF 10% 50V			
2828	4822 122 32542	47nF 10% 50V			
2829	4822 124 41506	47µF 20% 16V			
2830	4822 122 32542	47nF 10% 50V			
2832 1)	4822 124 41585	2.2µF 20% 50V			
2833 2)	4822 124 41585	2.2µF 20% 50V			
2834 1)	4822 124 41626	10 µF 20% 16V			
2836 1)	4822 122 31766	120pF 5% 50V			
2845	4822 124 41584	100µF 20% 10V			
2846	4822 124 41554	220µF 20% 10V			
2849	4822 124 41586	15 µF 20% 16V			
<b>III</b>					
3795	4822 111 90571	3k9 2% 0.125W			
3796	4822 111 90339	120R 2% 0.125W			
3797	4822 116 52176	10R 5% 0.5W			
3798	4822 111 90339	120R 2% 0.125W			
<b>IV</b>					
3800	4822 111 90249	10k 2% 0.125W			
3801	5322 111 90094	1M 5% 0.125W			
3802	5322 111 90091	100R 2% 0.125W			
3803	5322 111 90091	100R 2% 0.125W			
3804	4822 111 90091	100R 2% 0.125W			
3805	5322 111 90096	1k2 2% 0.125W			
3807	4822 111 90569	2k7 2% 0.125W			
3808	4822 111 90249	10k 2% 0.125W			
3809	4822 111 90162	680R 2% 0.125W			
3810	5322 111 90267	33k 2% 0.125W			
3811	4822 111 90251	22k 2% 0.125W			
3812	4822 111 90157	3k3 2% 0.125W			
3813	4822 111 90154	270R 2% 0.125W			
3814	4822 116 52204	1k 5% 0.5W			
3815	4822 111 90151	1k5 2% 0.125W			
3816	4822 111 90202	68k 2% 0.125W			
3817	5322 111 90096	1k2 2% 0.125W			
3818	5322 111 90096	1k2 2% 0.125W			
3819	5322 111 90096	1k2 2% 0.125W			
3820	5322 111 90096	1k2 2% 0.125W			
3821	5322 111 90096	1k2 2% 0.125W			
3822	5322 111 90096	1k2 2% 0.125W			
3823	5322 111 90096	1k2 2% 0.125W			
3824	4822 111 90157	3k3 2% 0.125W			
3825	4822 111 90157	3k3 2% 0.125W			
3826	4822 111 30494	2R7 5% 0.33W			
3827	4822 111 90157	3k3 2% 0.125W			
3828	4822 111 90124	82R 2% 0.125W			
3829 1)	4822 116 52211	150R 5% 0.5W			
3830 1)	4822 116 52379	82R 5% 0.5W			
3831 1)	4822 111 90162	680R 2% 0.125W			
3832 1)	5322 111 90092	1k 2% 0.125W			
3833 1)	5322 111 90092	1k 2% 0.125W			
3834 1)	4822 111 90162	680R 2% 0.125W			
3835 1)	5322 111 90113	560R 2% 0.125W			
3836 1)	4822 111 90543	47k 2% 0.125W			
3837 1)	5322 111 90092	1k 2% 0.125W			
3838 1)	4822 111 90543	47k 2% 0.125W			
3839	5322 111 90096	1k2 2% 0.125W			
3840	5322 111 90096	1k2 2% 0.125W			
3841	5322 111 90096	1k2 2% 0.125W			
3842	5322 111 90096	1k2 2% 0.125W			
3843	5322 111 90096	1k2 2% 0.125W			
3845	4822 111 30531	68R 5% 0.33W			
3846	4822 111 30531	68R 5% 0.33W			
3847	4822 111 90124	82R 2% 0.125W			
3848	5322 111 90242	180R 2% 0.125W			
3849	5322 111 90092	1k 2% 0.125W			
3900	4822 111 90163	jumper			
3901	4822 111 90163	jumper			
3904	4822 111 90163	jumper			
3905	4822 111 90163	jumper			
3906	4822 111 90163	jumper			
3908	4822 111 90163	jumper			
3910	4822 111 90163	jumper			
3913	4822 111 90163	jumper			
3914	4822 111 90163	jumper			
3915	4822 111 90163	jumper			
3917	4822 111 90163	jumper			
3918	4822 111 90163	jumper			
3919	4822 111 90163	jumper			
3921	4822 111 90163	jumper			
3922	4822 111 90163	jumper			

# 1005 TXT FLOF MODULE



5800	4822 156 20966	47μH 10%
5801	4822 157 53252	22μH 5%
5803	4822 157 52825	60μH
5814	4822 157 53608	10μH 10%
5816	4822 157 52224	15μH 10%
5834 1)	4822 157 53001	27μH 10%
5847	4822 157 51157	3.3μH 10%

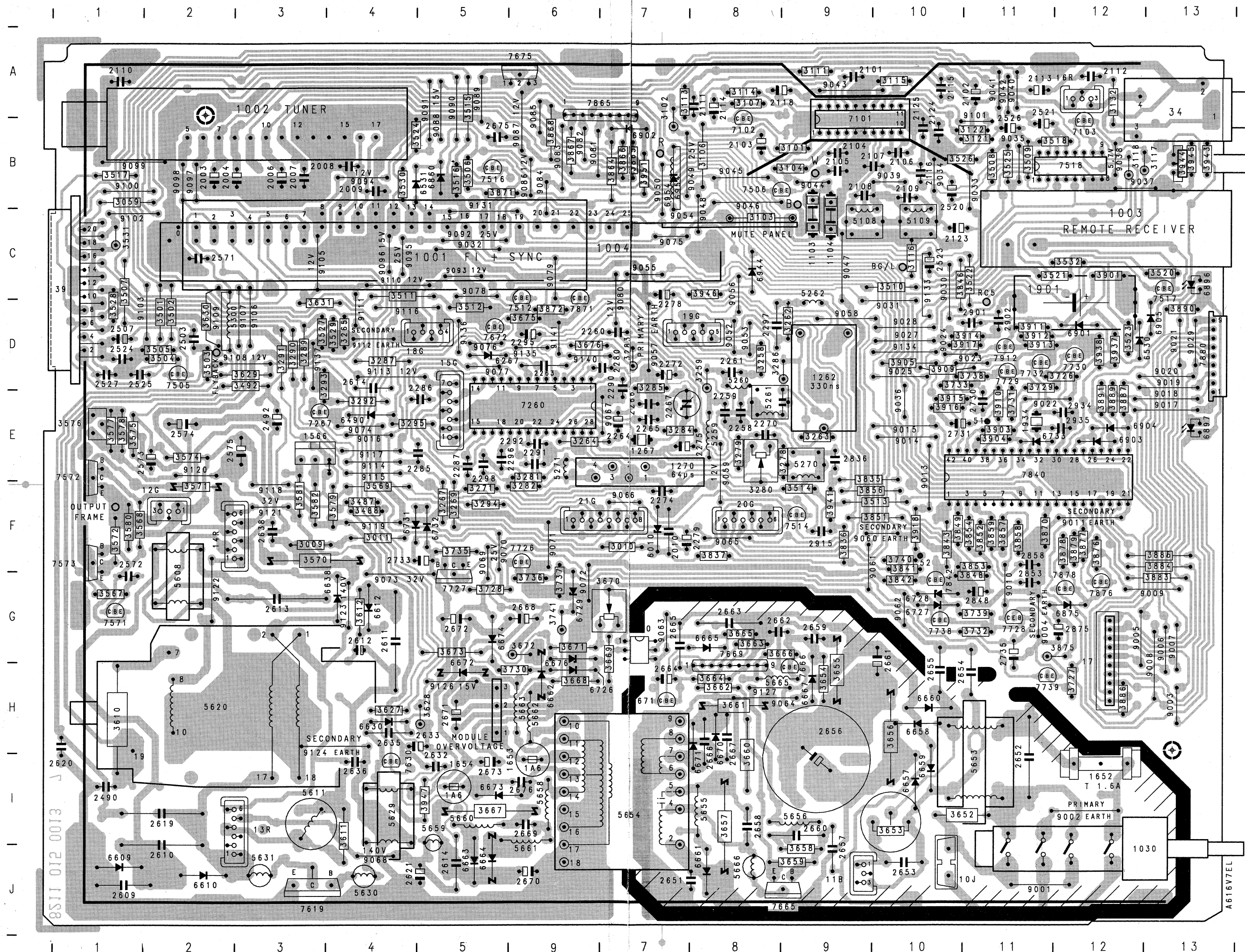


6809	4822 130 80446	LL4148
6810	4822 130 80446	LL4148
6811	4822 130 80446	LL4148
6812	4822 130 80446	LL4148
6813	4822 130 80906	LLZ-C7V5
6814	4822 130 80446	LL4148
6847	4822 130 42489	BYD33G
6848	4822 130 80905	LLZ-F5V1



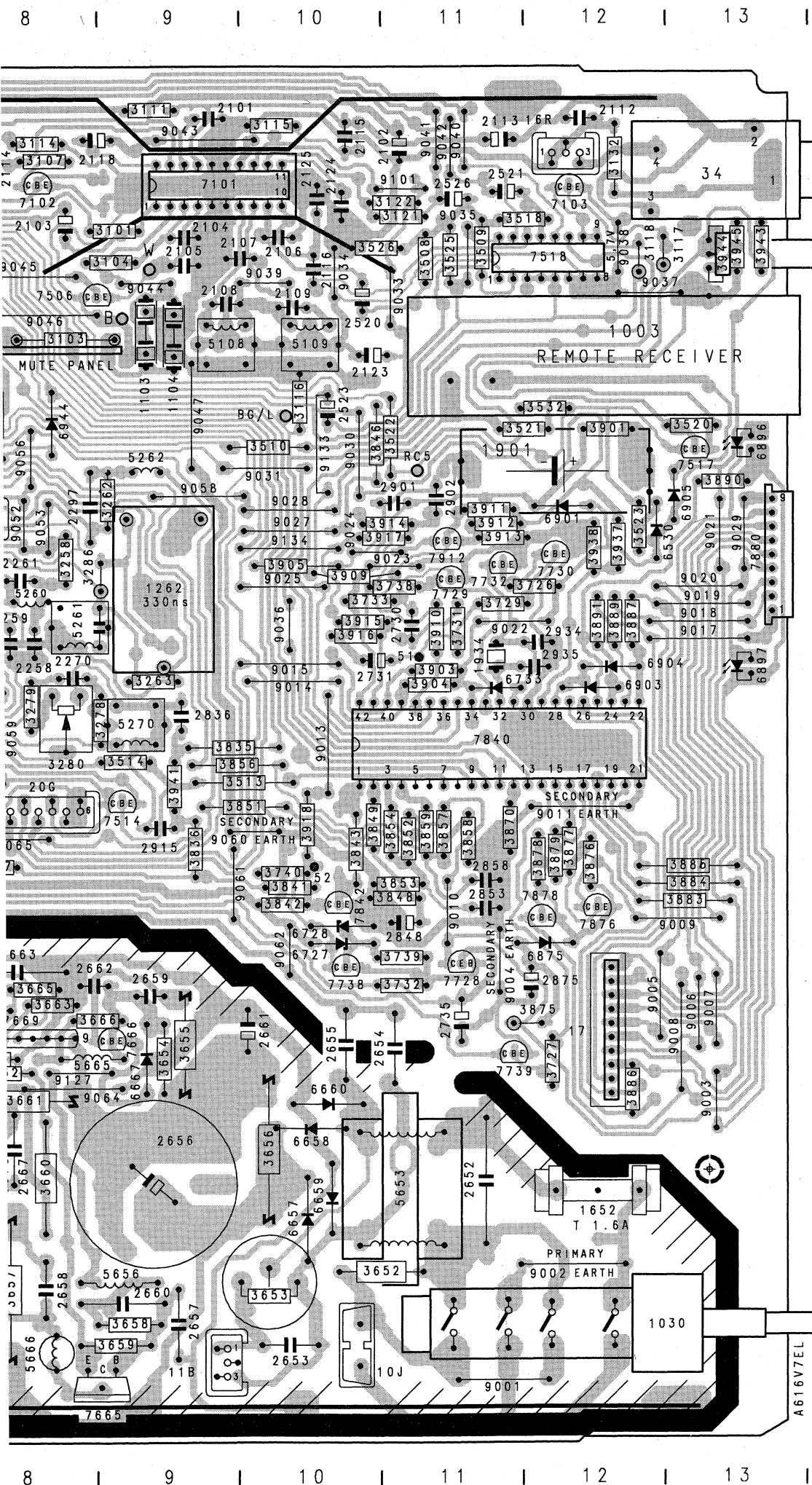
7800	4822 209 72355	MAB8461P/W107
7801	4822 130 61207	BC848
7802	4822 130 61207	BC848
7803	5322 130 41982	BC848B
7810	4822 209 73584	KM6264AL-15
7811	5322 130 41982	BC848B
7812	5322 130 60159	BC846B
7820	4822 209 73879	SAA5243P/E/M2
7830	4822 209 72972	SAA5231/V6
7831 1)	4822 130 40962	BC558A
7832 1)	4822 130 40937	BC548B
7846	5322 130 44921	BD943
7849	5322 130 42012	BC858



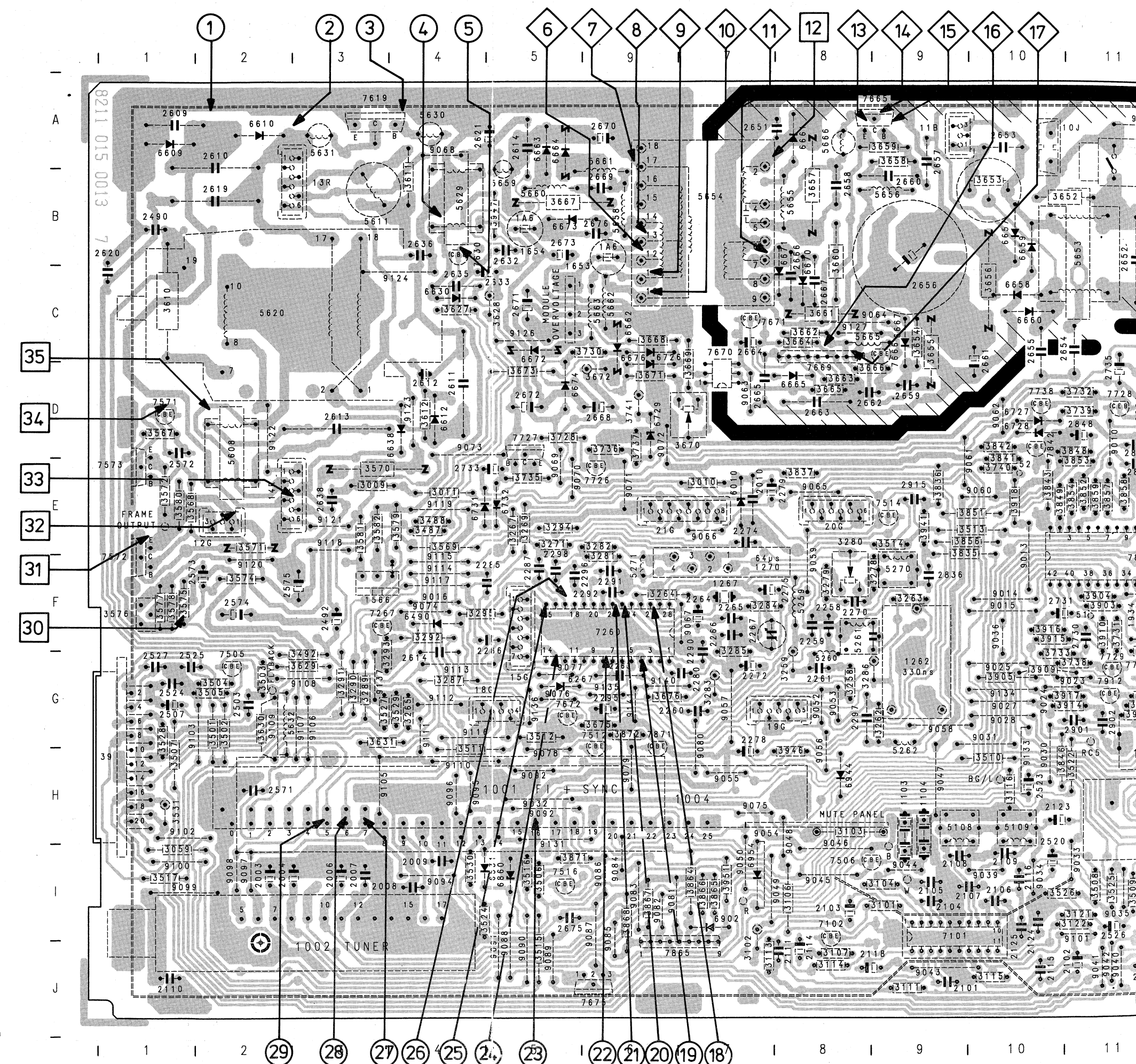
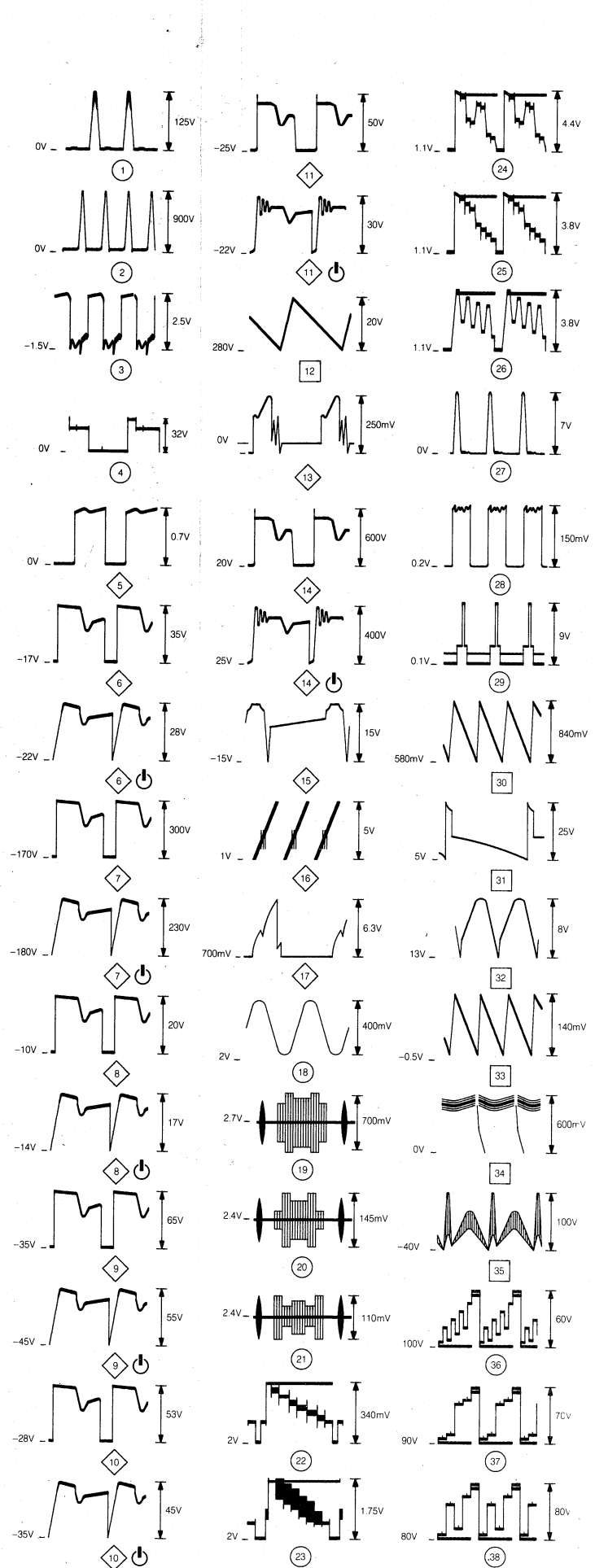


17	12G	2572	1F	3285	7D
34	13A	2573	1E	3286	8D
39	1C	2574	2E	3287	4D
10J	10J	2575	2E	3289	3D
11B	9J	2609	1J	3290	3D
12G	2F	2610	2J	3291	3D
13R	3I	2611	4G	3292	4E
14R	2F	2612	4G	3293	3D
15G	5D	2613	3G	3294	5F
16R	12A	2614	4D	3295	4E
18G	4D	2614	5J	3487	4F
19G	8D	2619	2I	3488	4F
20G	8F	2620	1I	3492	3D
21G	6F	2621	4J	3501	2D
1001	5C	2632	5I	3502	2D
1002	3A	2633	5H	3503	2D
1003	12C	2635	4H	3504	2D
1004	7C	2636	4I	3505	2D
1030	12J	2638	3F	3506	5B
1103	9C	2651	7J	3507	1C
1104	9C	2652	11I	3508	11B
1262	9D	2653	10J	3509	11B
1267	7E	2654	10H	3510	10C
1270	7E	2655	10H	3511	4C
1566	3E	2656	9H	3512	5D
1652	12I	2657	9J	3513	10F
1653	6I	2658	8I	3514	9F
1654	5I	2659	9G	3515	5A
1901	11C	2660	9I	3516	5B
1934	11E	2661	10G	3517	1B
2003	2B	2662	8G	3518	12B
2004	2B	2663	8G	3519	13C
2006	3B	2664	7H	3521	12C
2007	3B	2665	7G	3522	11C
2008	3B	2666	8I	3523	12D
2009	4B	2667	8I	3524	4B
2101	7F	2668	6G	3525	11B
2101	9A	2669	6I	3526	10B
2102	11A	2670	6J	3527	3D
2103	8B	2671	5H	3528	1D
2104	9B	2672	5G	3529	4D
2105	9B	2673	5I	3530	4B
2106	10B	2675	5B	3531	1C
2107	10B	2676	6I	3532	12C
2108	9B	26730	11E	3567	1G
2109	10B	2731	10E	3568	1F
2110	1A	2733	4F	3569	4F
2111	8A	2735	21D	3570	3F
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2114	8A	2848	11G	3574	2E
2115	10A	2853	11G	3575	1E
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2118	9A	2875	12G	3577	1E
2123	10C	2901	11D	3578	1E
2124	10A	2902	11D	3579	4F
2125	10A	2915	9F	3580	1F
2258	8E	2934	12E	3581	3F
2259	8E	2935	12E	3582	3F
2260	6D	3009	3F	3610	1H
2261	8D	3010	7F	3611	4I
2263	6D	3011	4F	3612	4G
2264	7E	3059	1B	3627	4H
2265	7E	3101	9B	3628	5H
2266	7E	3102	7A	3629	3D
2267	7E	3103	8C	3630	2D
2270	8E	3104	9B	3631	3D
2272	7D	3106	8B	3652	10I
2274	7F	3107	8A	3653	10I
2275	8E	3111	9A	3654	9H
2278	7D	3113	7A	3655	9H
2279	8F	3114	8A	3656	10H
2280	7D	3115	10A	3657	8I
2285	5E	3116	10C	3658	9J
2286	5D	3117	13B	3659	9J
2287	5E	3118	12B	3660	8I
2290	7D	3121	11B	3661	8H
2291	6E	3122	11B	3662	8H
2292	6E	3132	12A	3663	8G
2295	6D	3258	8D	3664	8H
2296	6E	3259	8D	3665	8G
2297	8D	3262	9D	3666	9G
2298	5E	3263	9E	3667	5I
2490	11	3264	6E	3668	6H
2492	3E	3265	4D	3669	7G
2503	2D	3267	5F	3670	7G
2507	1D	3269	5F	3671	6G
2520	10B	3271	5F	3672	6G
2521	11A	3278	9E	3673	5G
2523	10C	3279	8E	3675	6D
2524	1D	3280	6E	3676	6D
2525	1D	3281	6E	3677	12D
2526	11B	3282	6F	3678	12H
2527	1D	3283	7D	3679	5G
2571	2C	3284	7E	3679	11D

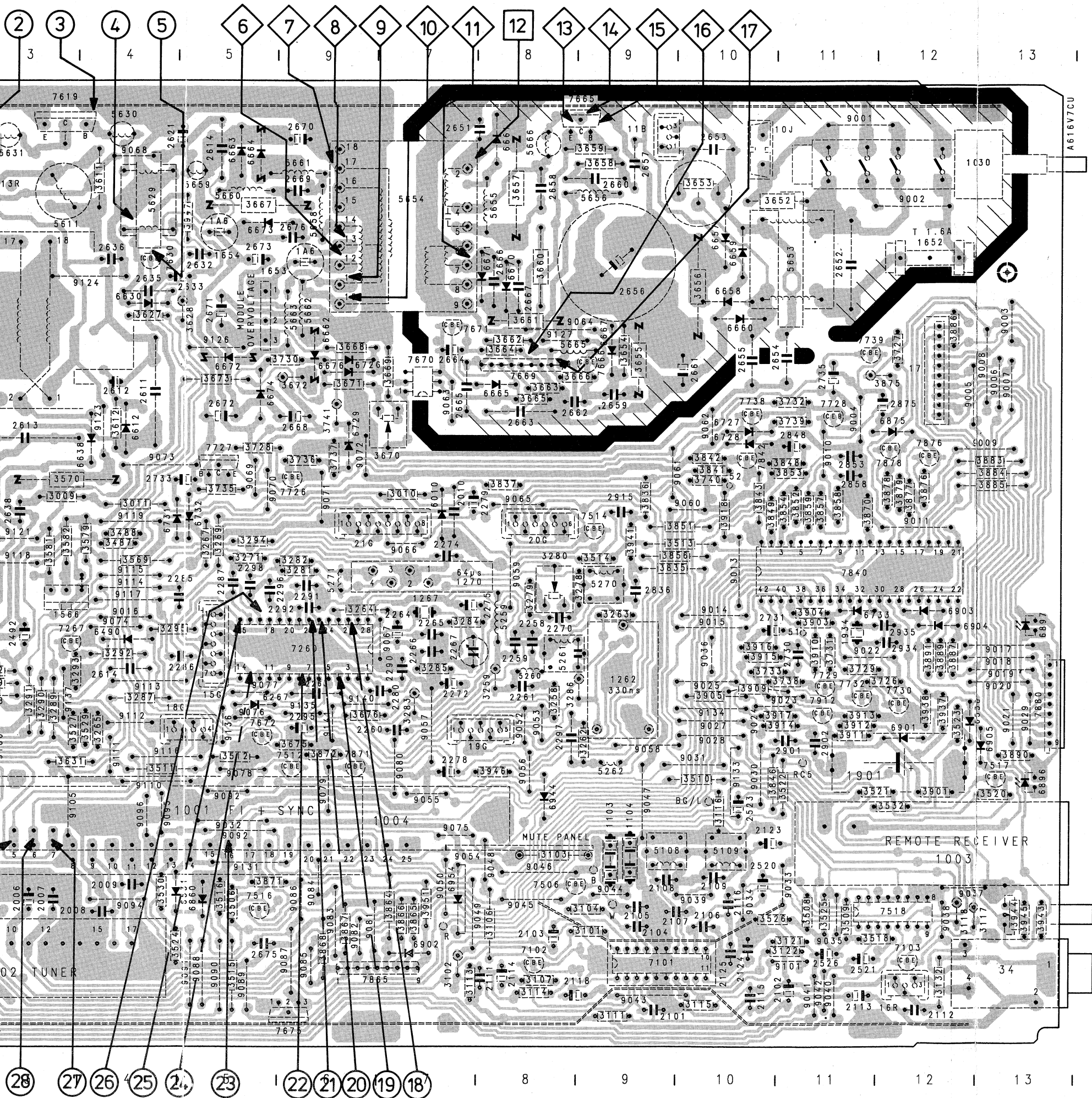












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34	13J	2573	1F	3287	4G	3732	11D	5665	8C	9010	11D	9109	2H
39	1H	2574	2F	3289	3G	3733	10G	5666	8A	9011	12E	9110	4G
10J	10A	2575	2F	3290	3G	3735	5E	6010	7E	9013	10F	9111	4G
11B	9A	2609	1A	3291	3G	3736	6D	6267	5G	9014	10F	9112	4G
12G	2E	2610	2A	3292	4F	3737	6D	6490	4F	9015	10F	9113	4G
13R	3B	2611	4D	3293	3G	3738	11G	6530	13G	9016	4F	9114	4F
14R	2E	2612	4D	3294	5E	3739	11D	6531	5I	9017	13F	9115	4F
15G	5G	2613	3D	3295	4F	3740	10E	6609	1A	9018	13G	9116	4F
16R	12J	2614	4G	3487	4E	3741	6D	6610	2A	9019	13G	9117	4G
18G	4G	2614	5A	3488	4E	3835	9F	6612	4D	9020	13G	9118	3E
19G	8G	2619	2B	3492	3G	3836	9E	6630	4C	9021	13G	9119	4E
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21G	6E	2621	4A	3502	2G	3841	10E	6657	10B	9023	11G	9121	3E
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1003	12H	2635	4C	3505	2G	3846	10H	6660	10C	9027	10G	9124	4C
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1103	9H	2651	7A	3508	11I	3851	10E	6663	5A	9030	10H	9131	5I
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1270	7F	2655	10C	3512	5G	3856	9E	6670	8B	9034	10I	9136	5G
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2006	3I	2664	7C	3522	11H	3870	11E	6729	6D	9043	9J		
2007	3I	2665	7D	3523	12G	3871	5I	6731	4E	9044	9I		
2008	3I	2666	8B	3524	4I	3872	6G	6732	5E	9045	8I		
2009	4I	2667	8C	3525	11I	3875	12D	6733	12F	9046	8I		
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